

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial No.....
Filing Date..... March 23, 2004
Inventorship..... Lin et al.
Applicant..... Microsoft Corporation
Attorney's Docket No. MS1-1893US
Title: RADIOMETRIC CALIBRATION FROM A SINGLE IMAGE

INFORMATION DISCLOSURE STATEMENT

References -- See Attached Form PTO-1449

REMARKS

The citations listed, copies attached, are submitted in compliance with the duty of disclosure defined in 37 CFR §1.56. The Examiner is requested to make these citations of official record in this application.

Respectfully Submitted,

Date: 3/23/04

By: 

Lawrence E. Lycke
Reg. No. 38,540

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Sheet		2	of		3
		Application Number			
		Filing Date		March 23, 2004	
		First Named Inventor		Lin	
		Group Art Unit			
		Examiner Name			
		Attorney Docket Number		MS1-1893US	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials ²	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Michael D. Grossberg and Shree K. Nayar, "What is the Space of Camera Response Function", IEEE, 2003 Conference on Computer Vision and Pattern Recognition (CVPR 03), Vol. II, p. 602, June 18-20, 2003.	<input type="checkbox"/>
		Carl Edward Rasmussen, "The Infinite Gaussian Mixture Model", Advances in Neural Information Processing Systems 12, MIT Press, pp. 554-560, 2000.	<input type="checkbox"/>
		Stephane Pauquet, "Bayesian Estimation", Bayesian Estimation Web, pp. 1-8, October 2002.	<input type="checkbox"/>
		Tsin et al., "Statistical Calibration of CCD Imaging Process", IEEE International Conference on Computer Vision, pp. 1-2 and 1-8, July 2001.	<input type="checkbox"/>
		Flynn, "Radiometric Calibration Procedures for a Wideband Infrared Scene Projector (WISP), Technologies for Synthetic Environments, Vol. 3697, pp. 265-73, April 1999.	<input type="checkbox"/>
		Bruegge, "MISR Prelaunch Instrument Calibration and Characterization Results", IEEE Transactions in Geoscience and Remote Sensing, Vol. 36, No. 4, pp. 1186-1198, July 1998.	<input type="checkbox"/>
		Mermelstein, "Spectral and Radiometric Calibration of Midwave and Longwave Infrared Cameras", Optical Engineering, Vol. 39, No. 2, pp. 347-352, February 2000.	<input type="checkbox"/>
		Demircan, "Use of a Wide Angle CCD Line Camera for BRDF Measurements", Infrared Physics and Technology, Vol. 41, No. 1, pp. 11-19, February 2000.	<input type="checkbox"/>
		Campos, "Radiometric Calibration of Charge-Coupled-Device Video Cameras", Metrologia, Vol. 37, No. 5, pp. 459-464, October 2000.	<input type="checkbox"/>
		Barun Singh and William T. Freeman, "Exploiting Spatial and Spectral Image Regularities for Color Constancy", MIT Computer Science and Artificial Intelligence Laboratory, pp. 1-19, July 2003.	<input type="checkbox"/>
		Paul E. Debevee and Jitendra Malik, "Recovering High Dynamic Range Radiance Maps from Photographs", SIGGRAPH 97, pp. 1-3 and 1-10, August 1997.	<input type="checkbox"/>

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		Michael Grossberg and Shree K. Nayar, "What Can Be Known About the Radiometric Response from Images?", Computer Vision - ECCV 2002: 7th Edition, Conference on Computer Vision, pp 1-2 and 1-16, May 2002.	<input type="checkbox"/>
		Steve Mann and Richard Mann, "Quantigraphic Imaging: Estimating the Camera Response and Exposures From Differently Exposed Images", IEEE, pp. 1-8, December 2001.	<input type="checkbox"/>
		S. Mann and R. W. Picard, "On Being 'Undigital' With Digital Cameras: Extending Dynamic Range By Combining Differently Exposed Pictures", IS&T's 48th Annual Conference, pp. 422-428, May 1995.	<input type="checkbox"/>
		Tomoo Mitsunaga and Shree K. Nayar, "Radiometric Self Calibration", IEEE, Computer Vision and Pattern Recognition, Vol. 1, 1-8, June 1999.	<input type="checkbox"/>
		Shree K. Nayar and Tomoo Mitsunaga, "High Dynamic Range Imaging: Spatially Varying Pixel Exposures", Proceedings of IEEE Conference on Computer Vision and Pattern Recognition, pp. 1-9, June 2000.	<input type="checkbox"/>
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